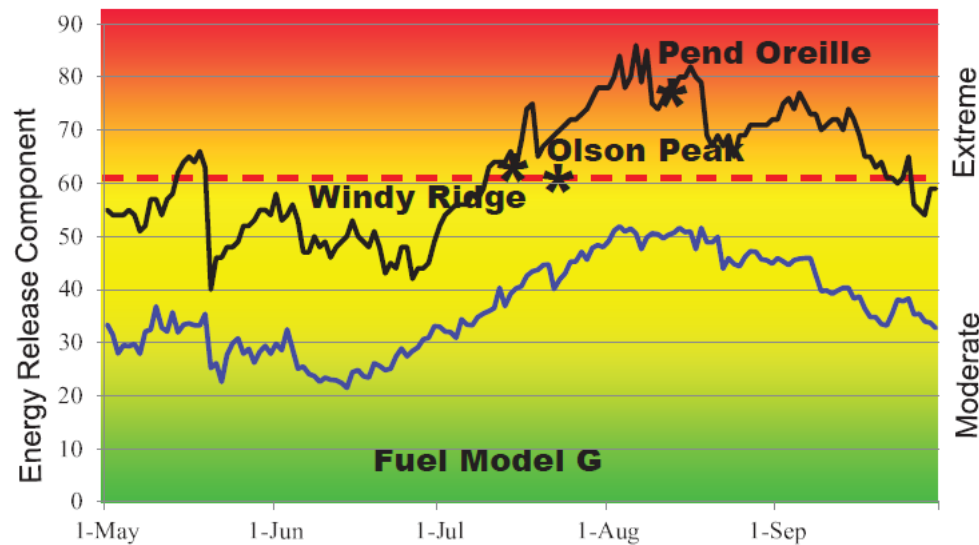
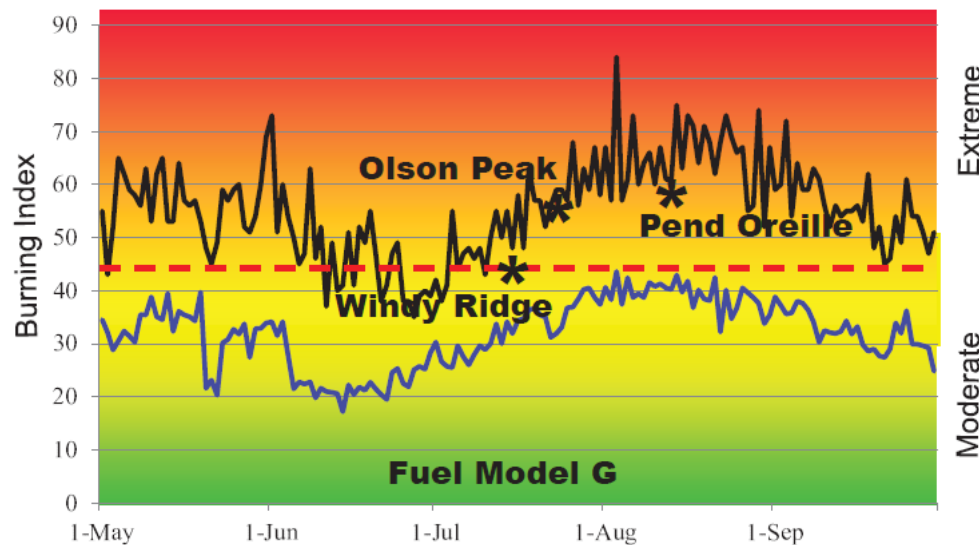


FIRE DANGER – NE WASHINGTON (East Colville)

Maximum, Average, and 90th Percentile



Maximum, Average, and 80th Percentile



Fire Danger Area:

- Northeast Washington - East Colville
- Colville NF
- Fire Weather Forecast Zone 686
- RAWS - Tacoma Creek (453413)*

*Meets NWCG Weather Station Standards



Fire Danger Graph Interpretation:



EXTREME – Use extreme caution

CAUTION – Watch for change

MODERATE – Lower potential, but always be aware

MAXIMUM – Highest ERC / BI by day for 1992 - 2012

AVERAGE – Average daily ERC / BI value for 1992 - 2012

90th Percentile ERC – Only 10% of the days from 1992 - 2012 were over **60**

80th Percentile BI – Only 20% of the days from 1992 - 2012 were over **44**

Local Thresholds – Watch Out:

A combination of any of these 90th percentile factors can greatly increase fire behavior: Wind Speed over 8 mph, Relative Humidity below 16%, Temperature over 89 degrees, Haines Index of 5 or 6

Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 13:00 temperature and RH, daily temperature & RH ranges, and precipitation duration
- ✓ Burning Index gives day to day fluctuations calculated from 13:00 temperature, wind, and RH, daily temperature & RH ranges, and precipitation duration
- ✓ Burning Index divided by 10 gives an estimate of expected flame length

Past Fire Experience:

Pend Oreille Fire started August 11, 2007. ERC was 76, BI was 61. Deer Mtn RAWS – temp. 77, RH 19, windspeed 6. 40,196 acres.

Windy Ridge Fire started July 13, 2007. ERC was 64, BI was 43. Deer Mtn RAWS – temp. 99, RH 20, windspeed 4. 218 acres.

Olson Peak Fire started on July 23, 1994. ERC was 60, BI was 57. Tacoma Creek RAWS – temp. 95, RH 16, windspeed 8. 218 acres.